

Purchase Order Receipt Listing

Monday, June 26, 2017 2:13:02 PM

Page 1 of 1

All amounts are calculated in domestic currency.

All Vendors PO ID PO36549 All Receipt Dates All Line Item Types

All Item ID/GL/WOs All Rec. Employees All Currencies

Grouped by Vendor ID

| Purchase Order ID/ Curr Type | Line Nbr/ Insp Req | Project ID | Reference/ Description/ Cert Std | PO U/M / Stock U/M | Required Date Required Qty | Recv Date/ Recv Emp | Recv Qty (PO U/M) | Cost Per Unit/ Recv Value | Inspected Qty/ Rejected Qty (PO U/M) | MRB Qty/ MRB Reject Qty | Book Amt |
|------------------------------------|-----------------------|------------|--|-----------------------|-------------------------------|------------------------|----------------------|------------------------------|--|----------------------------|----------|
| Vendor ID \ Vendor Name PO36549 | 1 | VU-MET002 | A.M. Castle & Co. (Canada) Inc.- C/O 910720 | | 6/23/2017 | 6/23/2017 | 12.0000 | | 0.0000 | 0 | \$0.00 |
| USD | No | | M7075T6S4.000X3.0 f 7075-T6S Sheet 3" f Wide x 4" Thick Plate ml37865 | | 12.0000 | PLOU01 | | | 0.0000 | 0 | |
| | 2 | | M7075T6S6.000X0.2 f 7075-T6S Sheet 0.25" Wide x 6" Thick Plate ml37887 | | 6/23/2017 | 6/26/2017 | 12.0000 ✓ | | 0.0000 | 0 | \$0.00 |
| | No | | | | 12.0000 | PLOU01 | | | 0.0000 | 0 | |
| | 3 | | M7075T6S6.000X1.0 f 7075-T6S Sheet 1" f Wide x 6" Thick Plate ml37887 | | 6/23/2017 | 6/26/2017 | 12.0000 ✓ | | 0.0000 | 0 | \$0.00 |
| | No | | | | 12.0000 | PLOU01 | | | 0.0000 | 0 | |
| | 4 | | 71401-45 PROCUREMENT QUALITY CLAUSES ml37865 | | 6/23/2017 | 6/23/2017 | 1.0000 | | 0.0000 | 0 | \$0.00 |
| | No | | | | 1.0000 | PLOU01 | | | 0.0000 | 0 | |

Total Received Quantity:

Total Qty to Inspect (PO U/M):

Total Reject Quantity:

Total Receipt Value:

Total Balance Due Quantity:

37.0000
0.0000
0.0000
\$0.00
0.0000

**Castle Metals®**

A. M. Castle & Co.

**PACKING SLIP/
CERTIFICATE OF CONFORMANCE**

Page 1 of 1

Pack Slip No:2669430

| | | | | |
|--|-------------------------|---|---|--|
| Ship From: A. M. Castle & Co. Los Angeles 14001 Orange Avenue Paramount, CA 90723 | | Sold To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA | Ship To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA | Deliver To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA |
| Date Shipped 21-JUN-2017 | F.O.B. ORIGIN | Freight Terms Prepaid | Carrier BO-SHIP DIRECT | BOL No 2681640 |
| | | | Delivery No 12118367 | |

Shipment Details

Final Destination Branch -

| | | | |
|--|--------------------------------|--------------------------------|--|
| Order No 4779135 | Line No 2 | Item No 752054.MO | Description 3.0000.PL.7075.T651.ALUMINUM.USI.48.5000.144.5000 CUT RECTANGLE TO 4 IN (+ .1250/- .0000 IN) X 72 IN (+ .1250/- .0000 IN) - ALUMINUM PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12 |
| Purchase Order No 36549 | Part Number | Ordered Qty 2.00 PCS | Invoice Qty 2.00 PCS |
| Details ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #S Email P/s and certs to: clavoie@artaero.com END USER: DART AEROSPACE END USE: COMMERCIAL AIRCRAFT PARTS | | | |
| Mill | Heat Number 170334B7 | Mech ID | PCS 2 |
| | | Width (IN) | Length (IN) 178.0174 |
| | | | Shipped Qty (LBS) |

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.

We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit.

Reviewed by Authorized Castle Metals Representative:

Date:

Name:

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27 June 2017 12:26:19 PM

SHIP TO:

A M CASTLE & CO
14001 ORANGE AVE
P.O. BOX 1402
PARAMOUNT, CA 90723

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

SOLD TO:

AM CASTLE & CO- SOLD TO
1420 KENSINGTON RD
SUITE 220
OAK BROOK, IL 60523

CERTIFIED TEST REPORT

Serial Number

4415418

| | | | | | | | | | |
|-------------------------------|-------------------------|---------------------------|-------------------------|---------------------------------|--------------------------------------|-----------------------------|---|------------------------|--------------------------------------|
| CUSTOMER PO NUMBER: 371337 | | WORK PACKAGE: | | CUSTOMER PART NUMBER: 752054 | | SHIP RUN/LOAD: 103536/15 | | GOV'T CONTRACT NUMBER: | |
| KAISER ORDER NO: 1209403 | LINE ITEM: 1 | SHIP DATE: 17-APR-2016 | | ALLOY: 7075 | CLAD: BARE | TEMPER: T651 | PRODUCT DESCRIPTION: KaiserSelect Plate | | |
| WEIGHT SHIPPED: 4344 LB | QUANTITY: 2 PCS EST. | | TRUCK B/L #: 2059793 | | GAUGE: 3.0000 IN (76.2000 MM) | | DIAMETER/WIDTH: 48.500 IN (1231.9 MM) | | LENGTH: 144.500 IN (3670.3 MM) |

MHU 1988532: LOT 170334B7: 15 pieces;

MHU 1990260: LOT 170263B8: 1 piece;

Certified Specifications

AMS 4045/RevK
ASTM B 209/Rev14
BSS 7055/RevB
DPS 4.713/RevAK
PS 21211/RevP

AMS-QQ-A-250/12/RevA
ASTM B 594/Rev13
CMMP 025/RevU
GAMPS 9101/RevB/AmdSCN1

AMS-STD-2154/RevA
BAC 5439/RevJ
CSTI 006/RevE
GSS16100/RevG/Amd1

Test Code: 1512

Test Results

Lot: 170263B8 Cast 179 Drop 43 Ingot 4 Melted in USA

(ASTM E8/B557)

(EN 2002-1)

| | | | | | |
|----------|--------|------------------|----------------------------|----------------------------|--------------|
| Tensile: | Temper | Dir / # Tests | Ultimate KSI (MPA) | Yield KSI (MPA) | Elongation % |
| | T651 | LT / 2 (Min:Max) | 76.0 : 77.0 (524 : 531) | 64.6 : 66.3 (445 : 457) | 10.4 : 10.6 |

(ASTM E1251)

| | | | | | | | | | | | |
|-------------|------|------|-----|------|-----|------|-----|------|------|------|----------|
| Chemistry: | SI | FE | CU | MN | MG | CR | ZN | TI | V | ZR | OTHER |
| Actual(wt%) | 0.08 | 0.17 | 1.5 | 0.03 | 2.5 | 0.20 | 5.9 | 0.03 | 0.01 | 0.01 | TOT 0.06 |



KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number
4415418

Lot: 170334B7 Cast 179 Drop 26 Ingot 4 Melted in USA

(ASTM E8/B557)
(EN 2002-1)

| Tensile: | Temper | Dir # Tests | Ultimate KSI (MPA) | Yield KSI (MPA) | Elongation % |
|----------|--------|------------------|----------------------------|----------------------------|--------------|
| | T651 | LT / 2 (Min:Max) | 76.9 : 77.0 (530 : 531) | 65.6 : 66.4 (452 : 458) | 10.5 : 11.2 |

(ASTM E1251)

| Chemistry: | SI | FE | CU | MN | MG | CR | ZN | TI | V | ZR | OTHER |
|-------------|------|------|-----|------|-----|------|-----|------|------|------|----------|
| Actual(wt%) | 0.07 | 0.17 | 1.5 | 0.03 | 2.4 | 0.20 | 5.7 | 0.03 | 0.01 | 0.01 | TOT 0.05 |

ALLOY LIMITS

| | SI | FE | CU | MN | MG | CR | ZN | TI | V | ZR | OTHER | MAX |
|----------|------|------|-----|------|-----|------|-----|------|------|------|-------|------|
| 7075 | | | | | | | | | | | | |
| MIN(wt%) | 0.00 | 0.00 | 1.2 | 0.00 | 2.1 | 0.18 | 5.1 | 0.00 | 0.00 | 0.00 | EACH | 0.05 |
| MAX(wt%) | 0.40 | 0.50 | 2.0 | 0.30 | 2.9 | 0.28 | 6.1 | 0.20 | 0.05 | 0.05 | TOT | 0.15 |

Aluminum Remainder

ORDER COMMENTS
AMC CA-15403C R 6

TEST NOTES

Metal represented by this test report was 100% Type I (immersion) ultrasonically tested from one side with 3mm dead zones top and bottom and meets the Class A and Class B requirements of all specifications referenced on this test report. No surface marking of sonic indications is performed.

CERTIFICATION

Kaiser Aluminum Fabricated Products, LLC (Kaiser), is ISO 9001:2008/AS9100C certified and hereby certifies that all material shipped under this order:

- * has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements.
- * was melted in the United States of America or a qualifying country per DFARS 225.272-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content.
- * has been thermally processed in compliance with AMS 2772, where applicable.
- * is mercury free, within the limits of detection of ASTM E1251 (< = 1ppm).
- * is in compliance with RoHS 2, European Union Directive 2011/65/EU.
- * is in compliance with and regularly monitors any updates to the European Chemical Agency, ECHA, REACH regulations, (EC) n°1907/2006.
- * is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act.

Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.



JAMES HEMENWAY, TECHNICAL PROCESS MANAGER

INTERORG TRANSFER PACKING SLIP/ CERTIFICATE OF CONFORMANCE

Page 1 of 2

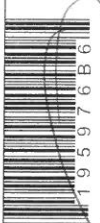
Shipment No:3308869

| | | | | | | | |
|---|-------------------------|--|--|---|----------------------------|--|--|
| Ship From: A. M. CASTLE & CO. 3050 S HYDRAULIC WICHITA, KS 67216 USA | | Sold To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA | | Ship To: A. M. CASTLE & CO. 2150 ARGENTIA ROAD MISSISSAUGA, ON L5N 2K7 CAN | | Deliver To: DART AEROSPACE LTD 1270 ABERDEEN HAWKESBURY, ON K6A 1K7 CA | |
| Date Shipped 16-JUN-17 | F.O.B. ORIGIN | Freight Terms Prepaid | | Carrier ABF | BOL No 3308869-2 | | |

Shipment Details

| Order No | Line No | Item No | Description |
|-----------------------------------|--------------------|--------------------------------|--|
| 4784994 | 1 | 750023.MO | 0.2500.PL.7075.T651.ALUMINUM.48.5000.144.5000 CUT 2SIDED TO 6 IN (+ .1250/- .0000 IN) X 144.5 IN (+ .1250/- .0000 IN) - ALUMINUM PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12 |
| Purchase Order No 36549 | Part Number | Ordered Qty 1.00 PCS | Invoice Qty 1.00 PCS |

Details
ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY
ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S
Email P/s and certs to: clavoie@artaero.com
END USER: DART AEROSPACE
END USE: COMMERCIAL AIRCRAFT PARTS

| Delivery No. | Mill | Heat Number | Mech Id | PCS | Width (IN) | Length (IN) | Shipped Qty(LBS) |
|--------------|--------------------|---|---------|-----|------------|-------------|------------------|
| 121121437 | KAISER ALUMINUM |  | | 1 ✓ | | | 22.8550 |

These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. Government or as otherwise authorized by U.S. law and regulations.


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Date Printed: 16-JUN-2017 02:13:19 PM

INTERORG TRANSFER
PACKING SLIP/
CERTIFICATE OF CONFORMANCE

Page 2 of 2

| | |
|--|-------------|
| We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castile & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit. | |
| Reviewed by Authorized Castle Metals Representative: | Date: Name: |

Anthony D. Reyes


Q776-26

SHIP TO:

A M CASTLE & CO
3050 SOUTH HYDRAULIC
WICHITA, KS 67216

KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215

Phone: (800) 367-2586

CERTIFIED TEST REPORT

Serial Number

4438311

SOLD TO:

AM CASTLE & CO- SOLD TO
1420 KENSINGTON RD
SUITE 220
OAK BROOK, IL 60523

| | | | | |
|-------------------------------------|---------------------------|---------------------------------|--------------------------------------|---|
| CUSTOMER PO NUMBER: 400174-1 | WORK PACKAGE: | CUSTOMER PART NUMBER: 750023 | SHIP RUN/LOAD: 103731/3 | GOV'T CONTRACT NUMBER: |
| KAISER ORDER NO: 1222864-1 | SHIP DATE: 31-OCT-2016 | ALLOY: 7075 | CLAD: BARE | TEMPER: T651 |
| PRODUCT DESCRIPTION: Sawed Plate | | | | |
| WEIGHT SHIPPED: 1080 LB | QUANTITY: 6 PCS EST. | TRUCK B/L #: 2063216 | GAGE: 0.2500 IN (6.3500 MM) | DIAMETER/WIDTH: 48.500 IN (1231.9 MM) |
| | | | LENGTH: 144.500 IN (3670.3 MM) | |

MHU 2052582: LOT 195976B6: 6 pieces;

Certified Specifications

AMS 4045/RevL

AMS-QQ-A-250/12/RevA

ASTM B 209/Rev14

DAS
AMP 025/RevV

Test Code: 1512

Lot: 9169976B6

Cast 302

Drop 11

Test Results

Ingot 2

Melted in USA

(ASTM E8/B557)

(EN 2002-1)

| Tensile: | Temper | Dir / # Tests | Ultimate KSI (MPA) | Yield KSI (MPA) | Elongation % |
|----------|--------|------------------|----------------------------|----------------------------|--------------|
| | T651 | LT / 2 (Min:Max) | 87.8 : 89.0 (605 : 614) | 78.1 : 78.9 (538 : 544) | 11.1 : 11.8 |

(ASTM E1251)

| Chemistry: | SI | FE | CU | MN | MG | CR | ZN | TI | V | ZR | OTHER |
|-------------|------|------|-----|------|-----|------|-----|------|------|------|----------|
| Actual(wt%) | 0.07 | 0.13 | 1.5 | 0.02 | 2.6 | 0.19 | 5.7 | 0.02 | 0.01 | 0.01 | TOT 0.06 |

ALLOY LIMITS

| | SI | FE | CU | MN | MG | CR | ZN | TI | V | ZR | OTHER | MAX |
|----------|------|------|-----|------|-----|------|-----|------|------|------|-------|------|
| 7075 | | | | | | | | | | | | |
| MIN(wt%) | 0.00 | 0.00 | 1.2 | 0.00 | 2.1 | 0.18 | 5.1 | 0.00 | 0.00 | 0.00 | EACH | 0.05 |
| MAX(wt%) | 0.40 | 0.50 | 2.0 | 0.30 | 2.9 | 0.28 | 6.1 | 0.20 | 0.05 | 0.05 | TOT | 0.15 |

Aluminum Remainder

ORDER COMMENTS

AMC CA-15409 R 3



KAISER ALUMINUM

Trentwood Works - Spokane, WA 99215
Phone: (800) 367-2586

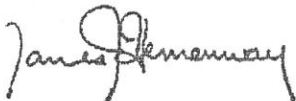
CERTIFIED TEST REPORT

Serial Number
4438311

CERTIFICATION

Kaiser Aluminum, Trentwood Works, is ISO 9001, AS9100, and ISO 14001 certified, and hereby certifies that all material shipped under this order:

- * has been inspected, tested, and found to be in conformance with the requirements of the specifications indicated herein.
 - * All test equipment and measuring devices are calibrated and certified in accordance applicable specifications. For material thicknesses outside specification limits, mechanical properties are as shown herein and chemical composition meets specification requirements. Reported elongation values have been measured as elongation at fracture.
 - * was melted in the United States of America or a qualifying country per DFARS 225.672-1(a), was manufactured in the United States of America, and meets the requirements of DFARS 252.225 for domestic content.
 - * has been thermally processed in compliance with AMS 2772, where applicable.
 - * is mercury free, within the limits of detection of ASTM E1215 (< 1 ppm).
 - * is in compliance with RoHS 2, European Union Directive 2011/65/EU.
 - * is in compliance with European Chemical Agency, ECHA, REACH regulations, (EC) No 1907/2006, and Kaiser regularly monitors these regulations for updates.
 - * is free of Conflict Minerals, as defined in Section 15.2 of the Dodd-Frank Act.
 - * is free of weld repair.
 - * meets the reporting requirements of EN10204, Type 3.1.
- Any warranty is limited to that shown on Kaiser Aluminum's standard general terms and conditions of sale. Test reports are on file, subject to examination. Test reports shall not be reproduced except in full, without the written approval of the Kaiser Aluminum laboratory. The recording of false, fictitious or fraudulent statements or entries on the certificate may be punished as a felony under federal law.



JAMES HEMENWAY, TECHNICAL PROCESS MANAGER



INTERORG TRANSFER PACKING SLIP/ CERTIFICATE OF CONFORMANCE

Page 1 of 2

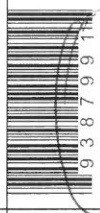
Shipment No:3308869

| | | | | | | | |
|---|-------------------------|--|--|---|----------------------------|--|--|
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| Date Shipped 16-JUN-17 | F.O.B. ORIGIN | Freight Terms Prepaid | | Carrier ABF | BOL No 3308869-2 | | |

Shipment Details

| Order No | Line No | Item No | Description |
|-----------------------------------|--------------------|-----------|--|
| 4784994 | 2 | 752188.MO | 1.0000.PL.7075.T651.ALUMINUM.USI.48.5000.144.5000 CUT 2SIDED TO 6 IN (+ .1250/- .0000 IN) X 144.5 IN (+ .1250/- .0000 IN) - ALUMINUM PLATE SAW SPECIFICATIONS: AMS-QQ-A-250/12 |
| Purchase Order No 36549 | Part Number | | Ordered Qty 1.00 PCS |
| | | | Invoice Qty 1.00 PCS |

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ALL PAPERWORK MUST FOLLOW ORDER / CUSTOMER MUST RECEIVE AT TIME OF DELIVERY
ALL MATERIAL MUST HAVE IDENTIFYING MARKINGS EX:HEAT #'S
Email P/s and certs to: clavoie@artaero.com
END USER: DART AEROSPACE
END USE: COMMERCIAL AIRCRAFT PARTS

| Delivery No. | Mill | Heat Number | Mech Id | PCS | Width (IN) | Length (IN) | Shipped Qty(LBS) |
|--------------|----------------------------------|---|---------|-----|------------|-------------|------------------|
| 121121437 | CONSTELLUM ROLLED PRODUCTS |  | | 1 | | | 90.2818 |

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Date Printed: 16-JUN-2017 02:13:19 PM

INTERORG TRANSFER
PACKING SLIP/
CERTIFICATE OF CONFORMANCE

Page 2 of 2

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|---|-------------|
| We hereby certify the material covered by this certification conforms in accordance with the above specifications and has been found to meet the applicable requirements for the material, including any specifications forming a part of the description. Test reports are on file subject to examination. All claims for defective material are waived unless made in writing to A.M. Castle & Co. within 60 days of the shipment. Material cut to the correct size, or material cut by the customer cannot be returned for credit. | |
| Reviewed by Authorized Castle Metals Representative: | Date: Name: |

8/7/6-20



Constellium




CERTIFIED TEST REPORT
Constellium Rolled Products
Ravenswood, LLC

S
H
I
P
T
O

A M CASTLE CO
3050 SO HYDRAULIC
WICHITA KS
67216
US

S
O
L
D
T
O

A M CASTLE
1420 KENSINGTON ROAD, SUITE 220
OAK BROOK IL
60523
US

| | | | | | | | | | | | |
|--|------|-------------------------|---------------------------------|----------------------------------|------------------------------------|---------------------------------|---|----------------------------|--|---------|--|
| A M CASTLE | | 110539772 | | 4075 | | INCLUSION | | Serial:20170527-0110539772 | | Pg 1of4 | |
| CUSTOMER PURCHASE ORDER NO. & ITEM 419757 | | | | | | Constellium ORDER NO. 203735 | | | | | |
| ALLOY 7075 | CLAD | TEMPER T651 | GAUGE 1.00000 in 25.40 mm | WIDTH 48.50000 in 1,232 mm | LENGTH 144.50000 in 3,670 mm | | CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC 859 Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA  Steve Good - Laboratory Manager | | | | |
| ITEM ORDERED SPEC PLATE, SAWED MILL FINISH | | | | | | | | | | | |
| CUSTOMER SPECIFICATION AMS 4045K | | | | | | | | | | | |
| PART NUMBER 752188 | | B/L NUMBER 81388 | | DATE SHIPPED 05/29/2017 | | | | | | | |
| WT. SHIPPED 5770.000 LB | | NO. OF PIECES 000008 | | GOVT. CONTRACT NO. | | | | | | | |

ALL LOTS ON THIS CERTIFICATION ALSO CONFORM TO THE FOLLOWING REQUIREMENTS:

ASTM B594 REV 13 2013 100% SONIC W/ 0.125"DEADZONE Class A
 AMS QQ-A-250/12A
 AMS-STD-2154A 2012 TYPE1 CLASS A 100% SONIC MINUS DEADZONE
 ASTM B209-14
 BSS-7055B 2013 CLASS A 100% SONIC TESTED MINUS DEADZONE
 CST1006 REV E 2011 CLASS A 100% SONIC MINUS DEADZONE
 DPS 4.713 REV AK 2012 CLASS A 100% SONIC MINUS DEADZONE
 GAMPs 9101 REV B 2006 CLASS A 100% SONIC MINUS DEADZONE
 PS 21211P 2010 CLASS A 100% SONIC MINUS DEADZONE

Load Details

| Package | Net Lbs | Kg | Lot | ^{DAS} 5 Piece | Serial | Parent Lot |
|------------|---------|---------|---------|---------------------------|--------|------------|
| 1001522455 | 725.000 | 328.854 | 9387991 | 01 | | |
| 1001522455 | 725.000 | 328.854 | 9387991 | 02 | | |
| 1001522455 | 725.000 | 328.854 | 9387991 | 03 | | |
| 1001522460 | 725.000 | 328.854 | 9387992 | 01 | | |
| 1001522460 | 725.000 | 328.854 | 9387992 | 02 | | |
| 1001522460 | 725.000 | 328.854 | 9387992 | 03 | | |
| 1001522466 | 710.000 | 322.050 | 9387993 | 01 | | |
| 1001522466 | 710.000 | 322.050 | 9387993 | 02 | | |

Lot: 9387991

Tensile - Room Temperature (US)

| | | Ultimate (KSI) | | Yield (KSI) | | Elongation (%) | | Report |
|-----------|-------|----------------|------|-------------|------|----------------|------|--------|
| Direction | Tests | Min | Max | Min | Max | Min | Max | |
| LT | 02 | 79.8 | 80.5 | 70.1 | 72.3 | 13.0 | 13.0 | |





Constellium




CERTIFIED TEST REPORT
Constellium Rolled Products
Ravenswood, LLC

S
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T
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A M CASTLE CO
3050 SO HYDRAULIC
WICHITA KS
67216
US

S
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D
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O

A M CASTLE
1420 KENSINGTON ROAD, SUITE 220
OAK BROOK IL
60523
US

| | | | | | | | | | | | |
|--|------|----------------|---------------------------------|----------------------------------|------------------------------------|---------------------------------|---|----------------------------|--|---------|--|
| A M CASTLE | | 110539772 | | 4075 | | INCLUSION | | Serial:20170527-0110539772 | | Pg 2of4 | |
| CUSTOMER PURCHASE ORDER NO. & ITEM 419757 | | | | | | Constellium ORDER NO. 203735 | | | | | |
| ALLOY 7075 | CLAD | TEMPER T651 | GAUGE 1.00000 in 25.40 mm | WIDTH 48.50000 in 1,232 mm | LENGTH 144.50000 in 3,670 mm | | CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC 859 Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA  Steve Good - Laboratory Manager | | | | |
| ITEM ORDERED SPEC PLATE, SAWED MILL FINISH | | | | | | | | | | | |
| CUSTOMER SPECIFICATION AMS 4045K | | | | | | | | | | | |
| PART NUMBER 752188 | | | B/L NUMBER 81388 | | DATE SHIPPED 05/29/2017 | | | | | | |
| WT. SHIPPED 5770.000 LB | | | NO. OF PIECES 000008 | | GOVT. CONTRACT NO. | | | | | | |

Tensile - Room Temperature (SI)

| | | Ultimate (N/MM2) | | Yield (N/MM2) | | Elongation (%) | | Report |
|-----------|-------|------------------|-----|---------------|-----|----------------|------|--------|
| Direction | Tests | Min | Max | Min | Max | Min | Max | |
| LT | 02 | 550 | 555 | 483 | 498 | 13.0 | 13.0 | |

Chemistry (Actual)

| | SI | FE | CU | MN | MG | CR | ZN | TI | ZR |
|------|------|------|------|------|------|------|------|------|------|
| Core | 0.05 | 0.16 | 1.38 | 0.03 | 2.48 | 0.20 | 5.45 | 0.04 | 0.01 |

OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER

All material contained in this lot was cast and manufactured in the USA

Lot: 9387992

Tensile - Room Temperature (US)

| | | Ultimate (KSI) | | Yield (KSI) | | Elongation (%) | | Report |
|-----------|-------|----------------|------|-------------|------|----------------|------|--------|
| Direction | Tests | Min | Max | Min | Max | Min | Max | |
| LT | 02 | 80.3 | 80.6 | 71.5 | 72.0 | 12.5 | 13.5 | |





Constellium



CERTIFIED TEST REPORT
Constellium Rolled Products
Ravenswood, LLC

S
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A M CASTLE CO
3050 SO HYDRAULIC
WICHITA KS
67216
US

S
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L
D
T
O

A M CASTLE
1420 KENSINGTON ROAD, SUITE 220
OAK BROOK IL
60523
US

A M CASTLE 110539772 4075 INCLUSION Serial:20170527-0110539772 Pg 3of4

CUSTOMER PURCHASE ORDER NO. & ITEM
419757

Constellium ORDER NO.
203735

| | | | | | |
|---------------|------|----------------|---------------------------------|----------------------------------|------------------------------------|
| ALLOY 7075 | CLAD | TEMPER T651 | GAUGE 1.00000 in 25.40 mm | WIDTH 48.50000 in 1,232 mm | LENGTH 144.50000 in 3,670 mm |
|---------------|------|----------------|---------------------------------|----------------------------------|------------------------------------|

ITEM ORDERED
SPEC PLATE, SAWED
MILL FINISH

CUSTOMER SPECIFICATION
AMS 4045K

| | | |
|-----------------------|---------------------|----------------------------|
| PART NUMBER 752188 | B/L NUMBER 81388 | DATE SHIPPED 05/29/2017 |
|-----------------------|---------------------|----------------------------|

| | | |
|----------------------------|-------------------------|--------------------|
| WT. SHIPPED 5770.000 LB | NO. OF PIECES 000008 | GOVT. CONTRACT NO. |
|----------------------------|-------------------------|--------------------|

CERTIFICATION

"Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination."
Constellium Rolled Products Ravenswood, LLC
859 Century Road
P.O. BOX 68
RAVENSWOOD, WV 26164 USA

Steve Good

Steve Good - Laboratory Manager

Tensile - Room Temperature (SI)

| | | Ultimate (N/MM2) | | Yield (N/MM2) | | Elongation (%) | | Report |
|-----------|-------|------------------|-----|---------------|-----|----------------|------|--------|
| Direction | Tests | Min | Max | Min | Max | Min | Max | |
| LT | 02 | 554 | 556 | 493 | 496 | 12.5 | 13.5 | |

Chemistry (Actual)

| | SI | FE | CU | MN | MG | CR | ZN | TI | ZR |
|------|------|------|------|------|------|------|------|------|------|
| Core | 0.05 | 0.16 | 1.38 | 0.03 | 2.48 | 0.20 | 5.45 | 0.04 | 0.01 |

OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER

All material contained in this lot was cast and manufactured in the USA

Lot: 9387993

Tensile - Room Temperature (US)

| | | Ultimate (KSI) | | Yield (KSI) | | Elongation (%) | | Report |
|-----------|-------|----------------|------|-------------|------|----------------|------|--------|
| Direction | Tests | Min | Max | Min | Max | Min | Max | |
| LT | 02 | 79.9 | 80.8 | 70.4 | 71.5 | 13.0 | 13.5 | |





Constellium




CERTIFIED TEST REPORT
Constellium Rolled Products
Ravenswood, LLC

S
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T
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A M CASTLE CO
3050 SO HYDRAULIC
WICHITA KS
67216
US

S
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D
T
O

A M CASTLE
1420 KENSINGTON ROAD, SUITE 220
OAK BROOK IL
60523
US

| | | | | | | | | | | | |
|--|--|-------------------------|--|----------------------------|--|---|--|----------------------------------|--|------------------------------------|--|
| A M CASTLE | | 110539772 | | 4075 | | INCLUSION | | Serial:20170527-0110539772 | | Pg 4of4 | |
| CUSTOMER PURCHASE ORDER NO. & ITEM 419757 | | | | | | Constellium ORDER NO. 203735 | | | | | |
| ALLOY 7075 | | CLAD | | TEMPER T651 | | GAUGE 1.00000 in 25.40 mm | | WIDTH 48.50000 in 1,232 mm | | LENGTH 144.50000 in 3,670 mm | |
| ITEM ORDERED SPEC PLATE, SAWED MILL FINISH | | | | | | CERTIFICATION "Constellium Rolled Products, hereby certifies that metal shipped under this order has been inspected and found in conformance with the requirements of the applicable specifications as indicated herein. Any warranty is limited to that shown on Constellium Rolled Products' standard General Terms and Conditions of Sales. Test reports are on file, subject to examination." Constellium Rolled Products Ravenswood, LLC 859 Century Road P.O. BOX 68 RAVENSWOOD, WV 26164 USA  Steve Good - Laboratory Manager | | | | | |
| CUSTOMER SPECIFICATION AMS 4045K | | | | | | | | | | | |
| PART NUMBER 752188 | | B/L NUMBER 81388 | | DATE SHIPPED 05/29/2017 | | | | | | | |
| WT. SHIPPED 5770.000 LB | | NO. OF PIECES 000008 | | GOVT. CONTRACT NO. | | | | | | | |

Tensile - Room Temperature (SI)

| | | Ultimate (N/MM2) | | Yield (N/MM2) | | Elongation (%) | | Report |
|-----------|-------|------------------|-----|---------------|-----|----------------|------|--------|
| Direction | Tests | Min | Max | Min | Max | Min | Max | |
| LT | 02 | 551 | 557 | 485 | 493 | 13.0 | 13.5 | |

Chemistry (Actual)

| | SI | FE | CU | MN | MG | CR | ZN | TI | ZR |
|------|------|------|------|------|------|------|------|------|------|
| Core | 0.05 | 0.16 | 1.38 | 0.03 | 2.48 | 0.20 | 5.45 | 0.04 | 0.01 |

OTHERS-EACH: .05 MAX. OTHERS TOTAL: .15 MAX. AL REMAINDER

All material contained in this lot was cast and manufactured in the USA

QUALITY TEXTS:
AMC CA-15403 R 8

THIS TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY OR AUTHORIZED QUALITY DELEGATE. THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE MAY BE PUNISHED AS A FELONY UNDER FEDERAL LAW.

CHEMISTRY BY OES: ARKSPARK

CHEMISTRIES REPORTED IN PERCENTAGE BY WEIGHT

WHEN FRACTURE TOUGHNESS TEST REQUIRED, TESTED PER ASTM E399

WHEN TENSILE TEST REQUIRED, TESTED PER ASTM E8; B557

DUNS Number: 090570149; CAGE Code: 1YW19

Mercury is not a normal contaminant in aluminum alloys and neither mercury nor any of its compounds were utilized in the manufacture of our product.

"END OF CERTIFICATION"



MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M7075+654 max 3.000
 DATE: JUN 28 2017

PO / BATCH NO.: 0036549/M137865

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 12'
 QUANTITY INSPECTED: 12'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 3"
 THICKNESS RECEIVED: 3"
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

| DESCRIPTION | NCR (Check Y/N) | | COMMENTS |
|---|---------------------------------------|---------------------------------------|---------------|
| SURFACE DAMAGE | Y | <input checked="" type="checkbox"/> N | |
| CORRECT FINISH | <input checked="" type="checkbox"/> Y | N | |
| CORROSION | Y | <input checked="" type="checkbox"/> N | |
| CORRECT GRAIN DIRECTION | <input checked="" type="checkbox"/> Y | N | |
| CORRECT MATERIAL PER M-DRAWING | <input checked="" type="checkbox"/> Y | N | ASTM B209 |
| CORRECT THICKNESS | <input checked="" type="checkbox"/> Y | N | |
| PHOTO REQUIRED | Y | <input checked="" type="checkbox"/> N | |
| CORRECT REF # TO LINK CERT | <input checked="" type="checkbox"/> Y | N | HT # 170334B7 |
| CORRECT MATERIAL IDENTIFICATION | <input checked="" type="checkbox"/> Y | N | |
| CORRECT M# ON THE MATERIAL | <input checked="" type="checkbox"/> Y | N | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y | <input checked="" type="checkbox"/> N | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Y | <input checked="" type="checkbox"/> N | |

| CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW | | | | | |
|--|-----|-----|-------|-------|--|
| TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING | HRC | HRB | DUR A | DUR D | |
| | | | | | |
| | | | | | |

testers located in the Quality Office

| QC 18 INSPECTION | | ENGINEERING SIGNOFF (if required) |
|---|-------------------------------------|-----------------------------------|
| INSPECTED BY: <u>DAS 5</u> DATE: <u>9-89 JUN 28 2017</u> | SIGNED OFF BY: _____ DATE: _____ | |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

△ PURCHASE MATERIAL: 7075-T6/T62/T651 ALUMINUM SHEET OR PLATE

SPECIFICATION: QQ-A-250/12 OR AMS-QQ-A-250/12
OR AMS-4048
OR ASTM B209

OR

△ PURCHASE MATERIAL: 7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE

△ SPECIFICATION: QQ-A-250/13 OR AMS-QQ-A-250/13
OR AMS 4048 / 4049
OR ASTM B209

△ PART NUMBER: M7075T6S | TTT | X | W.WWW |
| THK | | WIDTH |

△ WHERE "TTT" = THICKNESS (IN INCHES)
AND "W.WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)

EG. 0.063" THICK SHEET = M7075T6S.063
EG. 3.5" WIDE BY 0.500" THICK PLATE = M7075T6S.500X3.500

△ PREFERRED SIZE: .TTT BY 4FT BY 10FT FOR SHEET

RELEASED
2017 JUN 19
ECN 17-574

APPROVED

| | | | | | |
|------------|---|--------------------------|---|----|----------|
| B | ADD. REF. TO PLATE: T651 TEMPER, AMS 4048, OPTIONAL WIDTH DIM (PART 149) | | | CP | 17.05.05 |
| A | NEW ISSUE | | | RF | 10.11.08 |
| REV. | DESIGN | RF | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | | |
| DRAWN | CP | DRAWING NO. | | | |
| CHECKED | ML | M7075T6S | | | |
| MFG. APPR. | LL | TITLE | | | |
| APPROVED | WM | 7075-T6 SHEET/PLATE SPEC | | | |
| DE APPR. | DS | SHEET 1 OF 1 | | | |
| DATE | 17.05.05 | SCALE | | | |
| NTS | | | | | |

DO NOT SCALE
DART AEROSPACE LTD
1000 DART AEROSPACE BLVD
HAWKESBURY, ONTARIO L6C 2V5
TEL: (607) 426-1200 FAX: (607) 426-1201
E-MAIL: SALES@DART-AMERICA.COM
THIS DOCUMENT IS UNCLASSIFIED
UNLESS INDICATED OTHERWISE
UNCLASSIFIED BY 1040 DIRM 1 P/MS/00010001

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UNCLASSIFICATION REQUESTED (DART AEROSPACE LTD)

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M70757656,000X0.250

PO / BATCH NO.: 0036549/1137887

DATE: JUN 27 2017

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: .250"

QUANTITY RECEIVED: 12'

THICKNESS RECEIVED: .250"

QUANTITY INSPECTED: 12'

SHEET SIZE ORDERED: N/A

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: N/A

| DESCRIPTION | NCR (Check Y/N) | COMMENTS |
|--|--|--------------|
| SURFACE DAMAGE | Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | |
| CORRECT FINISH | Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | |
| CORROSION | Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | |
| CORRECT GRAIN DIRECTION | Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | |
| CORRECT MATERIAL PER M-DRAWING | Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | ASTM B209 |
| CORRECT THICKNESS | Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | |
| PHOTO REQUIRED | Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | |
| CORRECT REF # TO LINK CERT | Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | Ht #195976B6 |
| CORRECT MATERIAL IDENTIFICATION | Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | |
| CORRECT M# ON THE MATERIAL | Y <input checked="" type="checkbox"/> N <input type="checkbox"/> | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y <input type="checkbox"/> N <input checked="" type="checkbox"/> | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Y <input type="checkbox"/> N <input checked="" type="checkbox"/> | |

| CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW | | | | | |
|--|-----|-----|-------|-------|--|
| TYPE OF MATERIAL | HRC | HRB | DUR A | DUR D | |
| SIZE OF TEST SAMPLE | | | | | |
| HARDNESS / DUROMETER READING | | | | | |

testers located in the Quality Office

| | |
|--|--|
| QC 18 INSPECTION | ENGINEERING SIGNOFF (if required) |
| INSPECTED BY: <u>DAS 5</u> DATE: <u>JUN 27 2017</u> | SIGNED OFF BY: _____ DATE: _____ |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 7075-T6/T62/T651 ALUMINUM SHEET OR PLATE
SPECIFICATION: QQ-A-250/12 OR AMS-QQ-A-250/12
OR AMS 4045
OR ASTM B209

OR

PURCHASE MATERIAL: 7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE
SPECIFICATION: QQ-A-250/13 OR AMS-QQ-A-250/13
OR AMS 4048 / 4049
OR ASTM B209

PART NUMBER: M7075T6S | TTT | X | W.WWW |
| THK | | WIDTH |

**WHERE "TTT" = THICKNESS (IN INCHES)
AND "W.WWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)**
EG. 0.063" THICK SHEET = M7075T6S.063
EG. 3.5" WIDE BY 0.500" THICK PLATE = M7075T6S.500X3.500

PREFERRED SIZE: .TTT BY 4FT BY 10FT FOR SHEET

RELEASED

2017 JUN 19
ECN 17-574

APPROVED

| | | | |
|---|---|--------------|----------|
| B | ADD: REF TO "PLATE", "T651" TEMPER, AMS 4048, OPTIONAL WIDTH DIM (CAR16-149) | CP | 17.05.05 |
| A | NEW ISSUE | RF | 10.11.08 |
| REV. | DESCRIPTION | BY | DATE |
| DESIGN | RF | | |
| DRAWN | CP | | |
| CHECKED | ML | | |
| MFG. APPR. | LL | | |
| APPROVED | WM | | |
| DE APPR. | DS | | |
| DATE | 17.05.05 | | |
| DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | | REV. B | |
| DRAWING NO. M7075T6S | | SHEET 1 OF 1 | |
| TITLE 7075-T6 SHEET/PLATE SPEC | | SCALE NTS | |
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 170751656,000 X 1,000
 DATE: JUN 27 2017

PO / BATCH NO.: 0036549/M137887

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 12'
 QUANTITY INSPECTED: 12'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1"
 THICKNESS RECEIVED: 1"
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

| DESCRIPTION | NCR (Check Y/N) | COMMENTS |
|--|-----------------------|------------|
| SURFACE DAMAGE | Y (N) | |
| CORRECT FINISH | (Y) N | |
| CORROSION | Y (N) | |
| CORRECT GRAIN DIRECTION | (Y) N | |
| CORRECT MATERIAL PER M-DRAWING | (Y) N | Astm B209 |
| CORRECT THICKNESS | (Y) N | |
| PHOTO REQUIRED | Y (N) | |
| CORRECT REF # TO LINK CERT | (Y) N | 47#9387991 |
| CORRECT MATERIAL IDENTIFICATION | (Y) N | |
| CORRECT M# ON THE MATERIAL | (Y) N | |
| DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF | Y (N) | |
| DOES THIS REQUIRE AN EXTRUSION REPORT | Y (N) | |

| CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW | | | | | |
|--|-----|-----|-------|-------|--|
| TYPE OF MATERIAL | HRC | HRB | DUR A | DUR D | |
| SIZE OF TEST SAMPLE | | | | | |
| HARDNESS / DUROMETER READING | | | | | |

testers located in the Quality Office

| | | | |
|--------------------------|----------------------|-----------------------------------|--|
| QC 18 INSPECTION | | ENGINEERING SIGNOFF (if required) | |
| INSPECTED BY: <u>DAS</u> | SIGNED OFF BY: _____ | | |
| DATE: <u>5</u> | DATE: _____ | | |
| DATE: <u>9-89</u> | DATE: _____ | | |
| DATE: <u>JUN 27 2017</u> | DATE: _____ | | |

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

B PURCHASE MATERIAL: 7075-T6/T62/T651 ALUMINUM SHEET OR PLATE

SPECIFICATION:

QQ-A-250/12 OR AMS-QQ-A-250/12
OR AMS 4045
OR ASTM B209

OR

B PURCHASE MATERIAL: 7075-T6/T62/T651 ALCLAD ALUMINUM SHEET OR PLATE

SPECIFICATION:

QQ-A-250/13 OR AMS-QQ-A-250/13
OR AMS 4048 / 4049
OR ASTM B209

B PART NUMBER:

M7075T6S | TTT | X | W.WWWW |
| THK | | WIDTH |

B WHERE ".TTT" = THICKNESS (IN INCHES)
AND "W.WWWW" = WIDTH (IN INCHES, OPTIONAL, FOR SPECIFYING CUT PLATE)

EG. 0.063" THICK SHEET = M7075T6S.063

EG. 3.5" WIDE BY 0.500" THICK PLATE = M7075T6S.500X3.500

B PREFERRED SIZE:

.TTT BY 4FT BY 10FT FOR SHEET

RELEASED

2017 JUN 19
ECN 17-574

APPROVED

| | | | |
|---|---|----|----------|
| B | ADD: REF TO "PLATE", "T651" TEMPER, AMS 4048. | CP | 17.05.05 |
| A | NEW ISSUE | RF | 10.11.09 |
| REV. | DESCRIPTION | BY | DATE |
| DESIGN | RF | | |
| DRAWN | CP | | |
| CHECKED | ML | | |
| MFG. APPR. | LL | | |
| APPROVED | WM | | |
| DE APPR. | DS | | |
| DATE | 17.05.05 | | |
| DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | | | |
| REV. B | | | |
| DRAWING NO. M7075T6S | | | |
| SHEET 1 OF 1 | | | |
| TITLE 7075-T6 SHEET/PLATE SPEC | | | |
| SCALE NTS | | | |
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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO36549

Purchase Order Date 6/2/2017
PO Print Date 6/22/2017

Page Number 1 of 2

Order From :
METAUX CASTLE
P.O. BOX 4090 STN A
TORONTO, ONTARIO M5W OE9
CANADA

VU-MET002

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

REVISED P/W:

Contact Name
Vendor Phone

Buyer
Customer POID
Customer Tax #
Terms
Currency
FOB

Chantal Lavoie
10127-2607
Net 30
USD
Destination-Collect

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

| Line Nbr | Reference Vendor Part Number Line Comments Delivery Comments | Description/ Mfg ID | Req Date/ Taxable Promise Date | CD | Req Qty/ Unit of Measure | PO Unit Price | Extended Price |
|----------|---|------------------------|--------------------------------------|----|--------------------------------|---------------|-------------------|
|----------|---|------------------------|--------------------------------------|----|--------------------------------|---------------|-------------------|

| | | | | | | | |
|---|---------------------|--|-------------------------------|----|------------|---------|----------|
| 1 | M7075T6S4.000X3.000 | 7075-T6S Sheet 3" Wide x 4" Thick Plate | 6/22/2017 Yes 6/22/2017 | FN | 12.00 f | \$76.08 | \$913.00 |
|---|---------------------|--|-------------------------------|----|------------|---------|----------|

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

NOTE: PLEASE CUT IN SECTION OF 6 FT LENGTH

SP176-26

| | | | | | | | |
|---|---------------------|---|-------------------------------|----|------------|---------|----------|
| 2 | M7075T6S6.000X0.250 | 7075-T6S Sheet 0.25" Wide x 6" Thick Plate | 6/22/2017 Yes 6/22/2017 | FN | 12.00 f | \$20.75 | \$249.00 |
|---|---------------------|---|-------------------------------|----|------------|---------|----------|

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

SP176-26

Line Total: \$913.00

Line Total: \$249.00

Note:

6/22/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO36549**

Purchase Order Date 6/2/2017

PO Print Date 6/22/2017

Page Number 2 of 2

Order From :

METAUX CASTLE
P.O. BOX 4090 STN A
TORONTO, ONTARIO M5W OE9
CANADA

VU-MET002

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone

Ship To Contact

Ship To Phone

Ship Via:

Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

| | | | | | | | | | |
|---|---------------------|---|---|-----------|----|-------|---|---------|----------|
| 3 | M7075T6S6.000X1.000 | 7075-T6S Sheet 1" Wide x 6" Thick Plate | ✓ | 6/22/2017 | FN | 12.00 | ✓ | \$44.25 | \$531.00 |
|---|---------------------|---|---|-----------|----|-------|---|---------|----------|

Yes

f

6/22/2017

MATERIAL: 7075-T6 OR T651/T6510/T6511/T62 ALUMINUM BAR
AS PER AMS-QQ-A-225/9 OR AMS 4122/4123/4186/4187 OR
PER AMS-QQ-A-200/11 OR QQ-A-250/12 CUT FROM PLATE

8817-6-26

Line Total: \$531.00

| | | | | | | | | | |
|---|----------|-----------------------------|---|-----------|--|------|---|--------|--------|
| 4 | 71401-45 | PROCUREMENT QUALITY CLAUSES | ✓ | 6/22/2017 | | 1.00 | ✓ | \$0.00 | \$0.00 |
|---|----------|-----------------------------|---|-----------|--|------|---|--------|--------|

No

6/22/2017

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

8817-6-26

Line Total: \$0.00

PO Total: \$1,693.00

CL

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 2

Change Date: 6/22/2017